

Storage Volume:

Centre of lagoon:  
20 x 44 x 6m deep = 5280m3

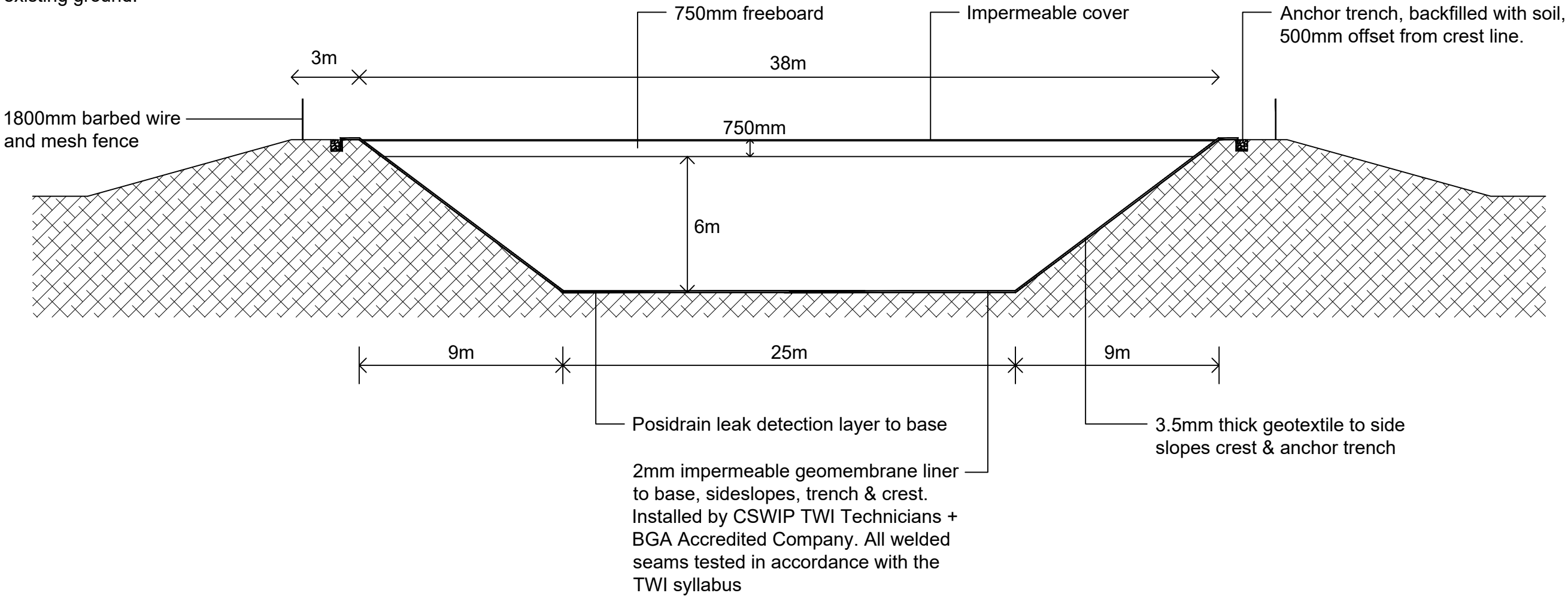
Long sides:  
(44 + 9 = 53m). 53 x 9 x 6m deep = 2862m3.  
2862 x 2 long sides = 5724m3.  
Divide by 2 for sloping bank = 2862m3.

Short sides:  
(20 + 9 = 29m). 29 x 9 x 6m deep = 1566m3.  
1566 x 2 short sides = 3132m3.  
Divide by 2 for sloping bank = 1566m3.

Total volume:  
5280 + 2862 + 1566 = 9708m3 total volume.

0.5m of fall on base with a french drain from low point and leading to an inspection pot on top of lagoon (leak detection inspection chamber).

Embankment to be constructed and compacted in layers not exceeding 225mm in depth. Compaction plant to have sufficient compactive effort and be appropriate for the fill material. The base of the fills to be terraced flat into the existing ground.



THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED DRAWINGS. ALL DIMENSIONS MUST BE CHECKED AND VERIFIED ON SITE BEFORE COMMENCING ANY WORK OR PRODUCING SHOP DRAWINGS. THE ORIGINATOR SHOULD BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. THIS DRAWING IS COPYRIGHT AND REMAINS THE PROPERTY ROGER PARRY & PARTNERS.

| Rev | Description | Date       | By |
|-----|-------------|------------|----|
| -   | -           | year/mm/dd | -- |



| Residential - Agricultural - Commerical |                                                     |      |            |
|-----------------------------------------|-----------------------------------------------------|------|------------|
| Project                                 | Proposed Extension to Existing Slurry Store         |      |            |
| Drawing Title                           | Slurry Store Section                                |      |            |
| Location                                | Hoseley Farms, Torriad Farm Lane, Wrexham, LL13 9RT |      |            |
| Client                                  | Hoseley Farms                                       |      |            |
| Scale                                   | 1:200 @ A2                                          |      |            |
| Drawing No                              | 71178 / RJC / 100                                   | Rev  | -          |
| Drawn By                                | NB                                                  | Date | 2022/07/20 |

HOGSTOW HALL, MINSTERLEY  
SHREWSBURY, SHROPSHIRE. SY5 0HZ  
Tel: 01743 791336 Fax: 01743 792770  
E-mail: mail@rogerparry.net  
Web address: www.rogerparry.net  
Roger Parry & Partners LLP partnership no.OC312203  
Registered Office Hogstow Hall, Minsterley, Shrewsbury, SY5 0HZ  
Registered in England and Wales.  
A list of members of the LLP is available at the above address.